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RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/489,394DATE: 02/15/2000  
TIME: 15:36:04

Input Set: I489394.RAW

This Raw Listing contains the General Information  
Section and up to first 5 pages.

P.S. #  
5

ENTERED

1 <110> APPLICANT: Genentech, Inc., Hsei, Vanessa  
2 Koumenis, Iphigenia  
3 Leong, Steven R.  
4 Shahrokh, Zahra  
5 Zapata, Gerardo A.  
6 <120> TITLE OF INVENTION: ANTIBODY FRAGMENT-POLYMER CONJUGATES AND USES OF SAME  
7 <130> FILE REFERENCE: P1085R6  
8 <140> CURRENT APPLICATION NUMBER: US/09/489,394  
9 <141> CURRENT FILING DATE: 2000-01-21  
10 <150> EARLIER APPLICATION NUMBER: US 60/116,787  
11 <151> EARLIER FILING DATE: 1999-01-21  
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22 <213> ORGANISM: Mus musculus  
23 <400> SEQUENCE: 2  
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26 <211> LENGTH: 23  
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28 <213> ORGANISM: Mus musculus  
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31 <210> SEQ ID NO 4  
32 <211> LENGTH: 24  
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34 <213> ORGANISM: Mus musculus  
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39 <212> TYPE: DNA  
40 <213> ORGANISM: Mus musculus  
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42 cactggctca gggaaataac cc 22  
43 <210> SEQ ID NO 6  
44 <211> LENGTH: 22

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51 <212> TYPE: DNA
52 <213> ORGANISM: Mus musculus
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55 <210> SEQ ID NO 8
56 <211> LENGTH: 35
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58 <213> ORGANISM: Mus musculus
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63 <212> TYPE: DNA
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69 <212> TYPE: DNA
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73 <210> SEQ ID NO 11
74 <211> LENGTH: 39
75 <212> TYPE: DNA
76 <213> ORGANISM: Mus musculus
77 <400> SEQUENCE: 11
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81 <212> TYPE: DNA
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93 <212> TYPE: DNA
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106 <213> ORGANISM: Mus musculus
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109 cagggtcagc gtcacctgca aggccagtca gaatgtgggt actaatgtag 100
110 cctggtatca acagaaacca gggcaatctc cttaaagcact gatttactcg 150
111 tcacctacc ggtacagtgg agtccctgat cgcttcacag gcagtggatc 200
112 tgggacagat ttcactctca ccacagcca tgtgcagtct gaagacttgg 250
113 cagactatct ctgtcagcaa tataacatct atcctctcac gttcgggtcct 300
114 gggaccaagc tggagttgaa acgggctgat gctgcaccac caactgtatc 350
115 catcttccca ccattcgaa 369
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122 1 5 10 15
123 Gly Asp Arg Val Ser Val Thr Cys Lys Ala Ser Gln Asn Val Gly
124 20 25 30
125 Thr Asn Val Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ser Pro Lys
126 35 40 45
127 Ala Leu Ile Tyr Ser Ser Ser Tyr Arg Tyr Ser Gly Val Pro Asp
128 50 55 60
129 Arg Phe Thr Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile
130 65 70 75
131 Ser His Val Gln Ser Glu Asp Leu Ala Asp Tyr Phe Cys Gln Gln
132 80 85 90
133 Tyr Asn Ile Tyr Pro Leu Thr Phe Gly Pro Gly Thr Lys Leu Glu
134 95 100 105
135 Leu Lys Arg Ala Asp Ala Ala Pro Pro Thr Val Ser Ile Phe Pro
136 110 115 120
137 Pro Phe Glu
138 123
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140 <211> LENGTH: 417
141 <212> TYPE: DNA
142 <213> ORGANISM: Mus musculus
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RAW SEQUENCE LISTING  
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145      gaggcttagt gccgcctgga gggtcctga aactctcctg tgcagcctct 100
146      ggattcatat tcagtagtta tggcatgtct tgggttcgcc agactccagg 150
147      caagagcctg gagttggctg caaccattaa taataatggg gatagcacct 200
148      attatccaga cagtgtgaag ggccgattca ccatctcccg agacaatgcc 250
149      aagaacaccc tgtacctgca aatgagcagt ctgaagtctg aggacacagc 300
150      catgttttac tgtgcaagag ccctcattag ttcggctact tggtttggtt 350
151      actggggcca agggactctg gtcactgtct ctgcagccaa aacaacagcc 400
152      ccatctgtct atccggg 417
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154      <211> LENGTH: 130
155      <212> TYPE: PRT
156      <213> ORGANISM: Mus musculus
157      <400> SEQUENCE: 19
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159      1          5          10          15
160      Gly Ser Leu Lys Leu Ser Cys Ala Ala Ser Gly Phe Ile Phe Ser
161      20          25          30
162      Ser Tyr Gly Met Ser Trp Val Arg Gln Thr Pro Gly Lys Ser Leu
163      35          40          45
164      Glu Leu Val Ala Thr Ile Asn Asn Asn Gly Asp Ser Thr Tyr Tyr
165      50          55          60
166      Pro Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala
167      65          70          75
168      Lys Asn Thr Leu Tyr Leu Gln Met Ser Ser Leu Lys Ser Glu Asp
169      80          85          90
170      Thr Ala Met Phe Tyr Cys Ala Arg Ala Leu Ile Ser Ser Ala Thr
171      95          100         105
172      Trp Phe Gly Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ala
173      110         115         120
174      Ala Lys Thr Thr Ala Pro Ser Val Tyr Pro
175      125         130
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178      <212> TYPE: DNA
179      <213> ORGANISM: Artificial Sequence
180      <220> FEATURE:
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182      <222> LOCATION: 1-31
183      <223> OTHER INFORMATION: recombinant immunoglobulin
184      <400> SEQUENCE: 20
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188      <212> TYPE: DNA
189      <213> ORGANISM: Artificial Sequence
190      <220> FEATURE:
191      <221> NAME/KEY: Artificial Sequence
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193      <223> OTHER INFORMATION: recombinant immunoglobulin
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# RAW SEQUENCE LISTING PATENT APPLICATION US/09/489,394

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202      <210> SEQ ID NO 23
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204      <212> TYPE: DNA
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206      <220> FEATURE:
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208      <222> LOCATION: 1-33
209      <223> OTHER INFORMATION: recombinantimmunoglobulin
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213      <211> LENGTH: 714
214      <212> TYPE: DNA
215      <213> ORGANISM: Artificial Sequence
216      <220> FEATURE:
217      <221> NAME/KEY: Artificial Sequence
218      <222> LOCATION: 1-714
219      <223> OTHER INFORMATION: recombinant immunoglobulin
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222      tgctacaaac gcgtacgctg atatacgatc gacacagtct caaaaattca 100
223      tgtccacatc agtaggagac agggtcagcg tcacctgcaa ggccagtcag 150
224      aatgtgggta ctaatgtagc ctgggtatcaa cagaaaccag ggcaatctcc 200
225      taaagcactg atttactcgt catcctaccg gtacagtggg gtccctgatc 250
226      gcttcacagg cagtggatct gggacagatt tcaactctcac catcagccat 300
227      gtgcagtctg aagacttggc agactatttc tgtcagcaat ataacatcta 350
228      tcctctcacg ttcgggtcctg ggaccaagct ggagcttcga agagctgtgg 400
229      ctgcaccatc tgtcttcacg ttcccgccat ctgatgagca gttgaaatct 450
230      ggaactgctt ctgttgtgtg cctgctgaat aacttctatc ccagagaggc 500
231      caaagtacag tggaagggtg ataacgccct ccaatcgggt aactcccagg 550
232      agagtgtcac agagcaggag agcaaggaca gcacctacag cctcagcagc 600
233      accctgacgc tgagcaaagc agactacgag aaacacaaag tctacgcctg 650
234      cgaagtcacc catcagggcc tgagctcgcc cgtcacaaag agcttcaaca 700
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238      <212> TYPE: PRT
239      <213> ORGANISM: Artificial Sequence
240      <220> FEATURE:
241      <221> NAME/KEY: Artificial Sequence
242      <222> LOCATION: 1-237
243      <223> OTHER INFORMATION: recombinant immunoglobulin
244      <400> SEQUENCE: 25

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**Please Note:** Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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VERIFICATION SUMMARY  
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DATE: 02/15/2000  
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Line ? Error/Warning

Original Text

-----  
1305 W "N" or "Xaa" used: Feature required

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catggtatag gttnsactta ttacac 27